
North America's Leader in Hazardous Material Information Management
1905 Aston Avenue, Carlsbad, CA 92008
Phone (800) 451-8346 Fax (760) 602-8888

MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☒ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: A.H. Hoffman, Inc.
Product Name: Iron Sulfate/Oxy Sulfate (DISCONTINUED)



A.H. Hoffman, Inc.
167 Greenfield Road
Lancaster, PA 17601

Date: February 15, 1998
MSDS No.: SP67505 (c)
Page 1 of 4

MATERIAL SAFETY DATA SHEET

EMERGENCY 24 HR. TELEPHONE NUMBER: CHEMTREC® 1-800-424-9300

Information telephone number: 717-293-9521

Fax number: 717-293-0286

IRON SULFATE

SECTION I - MATERIAL IDENTIFICATION AND INFORMATION

Iron Sulfate
Product #67505

Product:	Ultra-Yield Micronutrient Iron Sulfate / Oxy Sulfate
Chemical/Synonyms:	Iron Oxides / Sulfates
Chemical Family:	Inorganic Iron Compounds
Formula:	NA ³
CAS #:	NA ³

SECTION II - PERSONAL PROTECTION INFORMATION

Respiratory Protection:	A NIOSH approved dust respirator should be worn when applicable standards are exceeded.
Engineering Controls:	Adequate ventilation should be available to maintain dust levels below applicable standards.
Skin Protection:	No protection normally required. If irritation occurs, long sleeves and impervious gloves should be worn.
Eye Protection:	When appropriate, suitable eye protection should be used.
Other Protective Equipment:	Washing facilities should be available.

SECTION III - HEALTH INFORMATION

OSHA Permissible Exposure Limits (PEL):	None* Iron Oxide 10 mg/m ³ as Fe Soluble Iron Salts 1 mg/m ³ as Fe
ACGIH Threshold Limit Value (TLV):	None* Soluble Iron Salts 1 mg/m ³ as Fe



A.H. Hoffman, Inc.
167 Greenfield Road
Lancaster, PA 17601

Date: February 15, 1998
MSDS No.: SP67505 (c)
Page 2 of 4

Listed as a Carcinogen:

IARC Monographs: No
NPT List: No
OSHA: No
STEL: None

OSHA Health Hazard Classification: Irritant
Primary Route(s) of Entry: Inhalation, Skin Contact
Symptoms of Overexposure:

ACUTE: Inhalation of soluble iron salts (iron sulfates) at levels above the TLV can cause respiratory irritation. Ingestion of salts can cause marked gastrointestinal irritation.

CHRONIC: Chronic inhalation of iron oxide dust above the TLV can cause discoloration's in lung tissue that are detectable by X-rays. These long-term changes have not been shown to impair lung function.

Aggravated Medical Condition: Pre-existing lung disease including asthma, bronchitis, and emphysema.
Toxic Data: None Found

*Nuisance dust: PEL: Total 15 mg/m³ : Respirable 5 mg/m³
TLV: 10 mg/m³

SECTION IV - EMERGENCY and FIRST AID PROCEDURES

Eye Contact: If eye irritation occurs, flush with copious amounts of water. Get medical attention if irritation persists.

Skin Contact: If irritation occurs, wash skin with water and mild detergent. Get medical attention if irritation persists.

Inhalation: If breathing difficulty occurs because of dust irritation, remove to fresh air. If discomfort continues, seek medical attention.

Ingestion: If the person is conscious, give large amounts of water. Do not induce vomiting. Get medical attention.

Note to the Physician: Symptomatic treatment only.

SECTION V - INGREDIENTS COMPOSITION

	<u>Percent</u>
Iron	20-40
Sulfur	5-11



A.H. Hoffman, Inc.
167 Greenfield Road
Lancaster, PA 17601

Date: February 15, 1998
MSDS No.: SP67505 (c)
Page 3 of 4

SECTION VI - TITLE III INFORMATION

<u>EHS</u>	<u>ACUTE</u>	<u>CHRONIC</u>	<u>FIRE</u>	<u>PRESSURE</u>	<u>REACTIVE</u>	<u>313</u>
No	Yes	Yes	No	No	No	No

SECTION VII - PHYSICAL DATA

Boiling Point (°F):	NA ³	Melting Point (°F):	>500	Vapor Pressure (mmHg):	NA ³
Specific Gravity (H ₂ O = 1)	NA ³	% Volatile By Volume:	NA ³	Vapor Density (AIR = 1):	NA ³
Solubility in Water:	Moderate	Evaporation Rate (Butyl Acetate = 1)	NA ³	Molecular Weight:	NA ³
Physical State:	Solid	Density:	90 lbs. per cu/ft bulk	pH (1% slurry):	3-5.5
Appearance and Odor:	Brown, granular solid				

SECTION VIII - REACTIVITY

Stability:	<input type="checkbox"/> Unstable	<input checked="" type="checkbox"/> Stable	Hazardous Polymerization:	<input type="checkbox"/> May Occur	<input checked="" type="checkbox"/> Will Not Occur
Conditions and Materials to Avoid:	None				
Hazardous Decomposition Products:	None				

SECTION IX - FIRE AND EXPLOSIONS HAZARDS

Flashpoint and Method Used:		Material will not burn
Flammable Limits:	LEL:	None
	UEL:	None
	% Volume in Air:	NA ³
Extinguishing Media:		Use media needed to control surrounding fire.
Special Fire Fighting Procedures and Precautions:		Use procedures and precautions suitable for the surrounding fire.
Autoignition Temperature:	°C:	NA ³
	°F:	NA ³
Unusual Fire and Explosion Hazards:		None. Considered stable.

SECTION X - STORAGE AND SPECIAL PRECAUTIONS

Handling and Storing Precautions:	None
Other Precautions:	None



A.H. Hoffman, Inc.
167 Greenfield Road
Lancaster, PA 17601

Date: February 15, 1998
MSDS No.: SP67505 (c)
Page 4 of 4

SECTION XI - TRANSPORTATION REQUIREMENTS

Department of Transportation:	NA ³
Reportable Quantity:	NA ³
DOT Proper Shipping Name:	NA ³
UN/NA Identification Number:	NA ³
Standard Transportation Commodity Code:	NA ³
Other Requirements:	NA ³

SECTION XII - EMERGENCY ACTION - SPILL OR LEAK

Emergency Action:	Prevent large quantities from contact with waterways or vegetation.
Small Spills:	If uncontaminated, recover and reuse as product. Consult with state or federal environmental regulatory agencies for acceptable disposal procedures.
Large Spills:	Consult with state or federal environmental regulatory agencies for acceptable disposal procedures.

FOOTNOTES:

1. This NFPA rating applies only to short-term exposure such as might be encountered under fire or related emergency conditions.
2. Note: NR means Not Rated
3. Note: NA means Not Applicable

Manufacturer's Notice

The information contained herein is based on the data available to us and is believed to be correct. However, Hoffman makes no warranty, expressed or implied, concerning the accuracy or completeness of this information. Hoffman assumes no responsibility for injury to vendee or third parties from the use of the product described herein.